Tripp Lite
1111 West 35th Street
Chicago, IL 60609 USA
Telephone: +(773) 869 1234
E-mail: saleshelp@tripplite.com

Model #: BCPERS450

BC Personal UPS System - Standby UPS

Highlights

- 450VA tower UPS
- Maintains 120V nominal output during blackouts
- Workstation optimized features include USB port (HID-PDC compliant) and status LEDs
- Input: NEMA 5-15P (120V 15A) / Output: 3 NEMA 5-15R (120V)
- $100,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

Description

Tripp Lite's BCPERS450 standby UPS system offers surge suppression and long lasting battery support for personal computers, internetworking equipment and other sensitive electronics. Internal UPS circuits support entry level PC systems for up to 15 minutes during power failures and brownouts so that connected equipment can be shutdown without data loss. Includes 3 UPS supported outlets. USB port with included cable and PowerAlert monitoring software enables safe unattended system shutdown in the case of extended power failure. HID-compliant USB interface enables integration with built-in power management and auto shutdown features of Windows and Mac OS X. Built-in set of 3 front panel LEDs indicate line power, battery power and battery low/replace status. 450VA/280 watt power handling ability supports entry-level PCs, point-of-sale equipment, small business phone systems and audio/video components. Offers 4 minutes battery runtime with a full load of 450VA and 15 minutes with a half load of 225VA. Supports user battery replacement via built-in access panel. 2 year warranty. $100,000 connected equipment insurance (USA, Puerto Rico, & Canada only).

Applications

- Entry-level PCs, point-of-sale equipment, small business phone systems, audio/video and home theater components.

Package Includes

- BCPERS450 UPS System
- Warranty information
- Instruction manual

Features

- BCPERS450 standby UPS system offers UPS battery support to maintain productivity and prevent data loss during blackouts and brownout conditions
- Supports entry level PC systems for up to 15 minutes during severe brownouts and power failures
- Supports a max load of 450VA/280 watts for 4 minutes
- Supports a half load of 225VA/140 watts for 15 minutes
- Supplies battery derived AC output during brownouts starting at 99 volts
- Attractive small footprint gray tower configuration
- USB port, PowerAlert software and cabling offer safe unattended shutdown without data loss during extended outages
- Built-in single line Tel/DSL line surge suppression protects modem, fax machine or cordless phone
- Includes 3 battery supported NEMA 5-15R outlets, 6 foot AC line cord with NEMA 5-15P input connection

- 3 front panel LEDs indicate line power, battery power and battery low/replace status
- 450VA/280 watt power handling ability supports a variety of computer, internetworking, telecom and consumer electronics equipment
- Supports user battery replacement via built-in access panel
- Compatible with 120V/60Hz applications in USA, Canada, Mexico and more
- 2 year manufacturers warranty
- $100,000connected equipment insurance (USA, Puerto Rico, & Canada only)

Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120V AC
Frequency compatibility	60Hz
OUTPUT	
Output VA	450
Output watts	280
Output nominal voltage	120V AC (line mode) / 115V AC (battery mode)
Output voltage regulation	PWM sine wave 115V +/-5% (battery mode)
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Outlet quantity / type	3 NEMA 5-15R
INPUT	
Maximum input amps	3.1A
Input connection type	NEMA 5-15P
Input cord length	6 ft., 18 gauge
Recommended Electrical Service	15A 120V
BATTERY	
Full load runtime	4 minutes (450VA)
Half load runtime	15 minutes (225VA)
DC system voltage	12 VDC
Typical battery lifespan	3-6 years, depending on usage
Battery recharge rate	3.6 hours to 90%
Replacement Battery Cartridge	RBC51
LEDS ALARMS & SWITCHES	
Front panel LEDs	3 front panel LEDs indicate line power status, battery power status and battery low/replace status
Alarms	Audible alarm with 15 second delay sounds to indicate loss of utility power. Alarm can be silenced by pressing front panel alarm cancel button. Once silenced, alarm will re-sound when approximately 2 minutes runtime remain.
Switches	Includes 2 front panel switches—one main on/off power switch and one dual function "alarm cancel" / "self test" button
SURGE / NOISE SUPPRESSION	
AC surge suppression	252 joules
AC suppression response time	Instantaneous
Dataline suppression	-
EMI / RFI AC noise suppression	Yes

PHYSICAL	
Shipping weight (lbs)	13
Shipping weight (kg)	28.6
Shipping Dimensions (HWD/in)	12 x 8.25 x 10
Shipping Dimensions (HWD/cm)	30.5 x 21 x 25.4
Unit weight (lbs)	12
Unit weight (kg)	5.4
Unit Dimensions (HWD/in)	8.5 x 5.25 x 7
Unit Dimensions (HWD/cm)	21.6 x 13.3 x 17.8
Material of construction	PVC
Form factors supported	Tower
Cooling method	Convection
Battery Access	Battery access door allows user replacement of UPS batteries. Hot-swappable battery replacement supported.
ENVIRONMENTAL	
Relative Humidity	0 to 95%, non-condensing
Storage Temperature	+5 to +122 degrees Fahrenheit, -15 to +50 degrees Celsius
Operating Temperature	+32 to +104 degrees Fahrenheit, 0 to +40 degrees Celsius
COMMUNICATIONS	
Network monitoring port	USB
Software and cabling included	USB cabling is user supplied, PowerAlert software is available as a free download from www.tripplite.com
WatchDog compatibility	Yes, compatible with Tripp Lite's Watchdog system service to restore operation to locked equipment through soft reboot of application / OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications
LINE / BATTERY TRANSFER	
Transfer time from line power to battery mode	2-4 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 99 volts or less. Resets to line power mode as line voltage increases to 104V or higher
High voltage transfer to battery power	Yes
SPECIAL FEATURES	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive gray tower UPS
CERTIFICATIONS	
Certifications	Tested to UL1778 (USA), CSA (Canada), Class B (Emissions), NOM (Mexico)
WARRANTY	
Product Warranty Period	2 year product warranty
Connected Equipment Coverage	$100,000 connected equipment insurance (USA, Puerto Rico, and Canada only)

Optional Coverage	3-5 year warranties, plus next day and on-site warranty coverage available. Contact Tripp Lite for additional information.

Related Items

Audio Cables		
CT120	Instant-Read- AC Outlet Circuit Tester	Qty: [optional]
Extended Warranties		
WEXT3-BCPERS	3-Year Extended Warranty - For BC Personal Models	Qty: [optional]
WEXT5-BCPERS	5-Year Extended Warranty - For BC Personal Models	Qty: [optional]
Software		
WATCHDOGSW	WatchDog Service Monitoring / Reboot Software	Qty: [optional]
Surge Protectors		
DTEL2	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DNET1	Network Surge Suppressor - Essential protection for data and communication lines	Qty: [optional]
DCATV	Network Surge Suppressor - Essential protection for TV/VCR coaxial lines	Qty: [optional]
USB Cables & Adapters		
U012-006	USB Cable - 6-ft. USB A/B Cable with Right Angle A Connector	Qty: [optional]
USB Hubs/Accessories		
U222-004-R	USB Hubs - 4-Port USB 2.0 Certified Ultra-Mini Hub	Qty: [optional]
Wallmount Bracket		
UPSWM	Wallmount Bracket and installation accessories (4 washers, 4 screws, 1 Velcro safety strap)	Qty: [optional]

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?txtModelID=4.

©2009 Tripp Lite. All Rights Reserved.